



Express Mail Label No. EV 394802505 US
Docket No. PRO.12

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICANT:	VAGLE ET AL.	}	EXAMINER:
SERIAL NO.:	10/821,631		ART UNIT: 1646
FILED:	APRIL 9, 2004		CONFIRMATION NO. 9020
TITLE:	NOVEL PHOSPHORYLATION REAGENTS FOR IMPROVED PROCESSES TO CONVERT TERMINAL HYDROXYL GROUPS OF OLIGONUCLEOTIDES INTO PHOSPHATE MONOESTERS		

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Dear Sir:

INFORMATION DISCLOSURE STATEMENT

Applicant calls the Examiner's attention to the patents and publications listed on the attached Form PTO-1449, which may be material to examination of the above identified application. Copies of all art cited are enclosed (excluding U.S. patents).

TIME OF TRANSMITTAL

This Information Disclosure Statement is being filed under 37 CFR § 1.97(b). This Statement is filed within at least one of the following time periods:

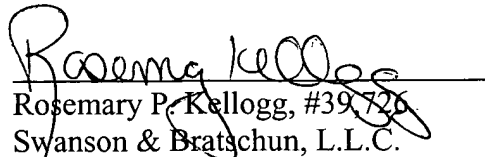
- (a) within three months of the filing date of a national application (other than a CPA under 37 CFR § 1.53(d));
- (b) within three months of the date of entry of the national stage as set forth in 37 CFR § 1.491 in an international application;
- (c) before the mailing of a first Office Action of the merits; or
- (d) before the mailing of a first Office Action after the filing of a request for continued examination under 37 CFR § 1.114.

No fee is believed to be due in this instance. However, the undersigned hereby authorizes the charging of any fees created by the filing of this document to Deposit Account No. 19-5117.

The undersigned hereby authorizes the charge of any required fees not included or any deficiency of fees submitted herewith to be charged to deposit account No. 19-5117.

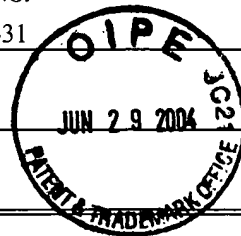
Respectfully submitted,

Date June 29, 2004


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FORM PTO-1449 U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE List of Information Cited by Applicant Page 1 of 1	ATTY. DOCKET NO. PRO.12	SERIAL NO. 10/821,631
	APPLICANT VAGLE <i>ET AL.</i>	
	FILING DATE APRIL 09, 2004	GROUP



U.S. PATENT DOCUMENTS							
EXAM. INITIAL		DOCUMENT NUMBER	DATE	NAME	CLS	SUB- CLS	FILE DATE
	AA	5,252,760	10/12/1993	Urdea, <i>et al.</i>			
	AB	5,959,090	09/28/1999	Guzaev, <i>et al.</i>			
	AC						

FOREIGN PATENT DOCUMENTS							
EXAM. INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLS	SUB CLS	TRANS ?
	AD						
	AE						
	AF						
	AG						

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)				
AH	Connolly (1987) Tetrahedron Letters <u>28</u> :463-466			
AI	Guzaev <i>et al.</i> (1995) Tetrahedron <u>51</u> :9375-9384			
AJ	Guzaev <i>et al.</i> (1999) Tetrahedron <u>55</u> :9101-9116			
AK	Guzaev <i>et al.</i> (2001) Tetrahedron Letters <u>42</u> :4769-4773			
AL	Horn and Urdea (1986) Tetrahedron Letters <u>27</u> :4705-4708			
AM	Schwarz and Pfeleiderer (1987) Nucleosides & Nucleotides <u>6</u> :537-539			
AN	Uhlmann and Engels (1986) Tetrahedron Letters <u>27</u> :1023-1026			
AO				
AAA				
AAB				
AAC				
AAD				
EXAMINER _____ DATE CONSIDERED _____				
*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and <u>not</u> considered. Include copy of this form with next communication to applicant.				